

CONTINUOUS VARIABLE TRANSMISSION

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ABSTRACT OF THE DISCLOSURE

The invention relates to a mechanical transmission, comprising: a frame; an input shaft with a first friction surface, which shaft is arranged rotatably on the frame; an output shaft with a second friction surface arranged rotatably on the frame parallel to the input shaft; a rotatable body with a third and a fourth friction surface arranged at least for radial displacement on the frame between the input and output shaft; a first push belt arranged between the first and the third friction surface and co-acting therewith; and a second push belt arranged between the second and the fourth friction surface and co-acting therewith, wherein the friction surfaces are rotation-symmetrical, the friction surfaces comprise at least an axial component and at least one of the first and the third friction surface and at least one of the second and the fourth friction surface comprise a radial directional component.